

Attorney Docket No.: A-71429-1/RFT/VEJ Attorney Matter No.: 468940-00070 Application No. 10/727,090

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BLIVEN et al.

Application No. 10/727,090

Filing Date: December 2, 2003

For: Fuel Cell Power Supply for

> Portable Computing Device and Method for Fuel Cell Power Control

Examiner: Chuo, Tony Sheng Hsiang

Art Unit: 1746

**CERTIFICATE OF MAILING** 

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents,

P.O. Box 1450, Alexandria, Virginia 22313-1450:

#### INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Pursuant to the Examiner's request, no copies of U.S. patents or U.S. published applications are enclosed. Copies of all other references are enclosed.

Further, in accordance with the provisions of 37 C.F.R. § 1.98(a)(3) and MPEP § 609(III)(A)(3), Applicant submits that reference no. B4 is not in the English language and directs the Examiner's attention to the English language abstract of same enclosed herewith for a concise statement as to their relevance.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited



**PATENT** 

Attorney Docket No.: A-71429-1/RFT/VEJ

Attorney Matter No.: 468940-00070 Application No. 10/727,090

references, nor shall the inclusion of a reference herein be considered an admission that the

reference constitutes prior art against the invention claimed in the above-identified application.

Submission of the present document shall not be construed as an admission that a search has

been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth

in 37 C.F.R. §1.17(p). While no further fee is believed to be due, if this belief is in error, the

Commissioner is authorized to charge any additional fees which may be required, or credit any

overpayment to Deposit Account No. 50-2319 (Our Order No. 468940-00070 (A-71429-

1/RFT/VEJ)).

Respectfully submitted,

DORSEY & WHITNEY LLP

Customer Number: 32940

By:

Victor E. Johnson, Reg. No. 41,546

Dorsey & Whitney LLP

Intellectual Property Department 555 California Street, 10<sup>th</sup> Floor

San Francisco, CA 94104-1513

(415) 781-1989 (telephone)

(415) 398-3249 (facsimile)

Attachments: Form PTO/SB/08A, substitute for Form PTO-1449

35 Cited References

Check in the amount of \$180.00

Return Postcard

TENT & HADE

Sheet

Substitute for form 1449A/PTO (Modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

1

Complete if Known		
Application Number	10/727,090	
Filing Date	December 2, 2003	
First Named Inventor	Bliven, David C.	
Art Unit	1746	
Examiner Name	Chuo, Tony Sheng Hsiang	
Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)	

			U.S. PATENT	DOCUMENTS				
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)						
	A1	3,113,049	12-03-1963	Worsham				
	A2	3,134,697	05-26-1964	Niedrach				
	A3	3,282,875	11-01-1966	Connolly et al.				
	A4	3,297,484	01-10-1967	Niedrach				
	A5	3,301,893	01-31-1967	Putnam et al.				
	A6	3,684,747	08-15-1972	Coalson et al.				
·	A7	3,692,569	09-19-1972	Grot				
	A8	4,036,714	07-19-1977	Spitzer				
	A9	4,038,213	07-26-1977	McClure et al.				
	A10	4,176,215	11-27-1979	Molnar et al.				
	A11	4,242,421	12-30-1980	Kudo et al.				
	A12	4,262,063	04-14-1981	Kudo et al.				
	A13	4,303,551	12-01-1981	Vaughan				
	A14	4,390,603	06-28-1983	Kawana et al.				
	A15	4,407,904	10-04-1983	Uozumi et al.				
	A16	4,407,905	10-04-1983	Takeuchi et al.				
	A17	4,417,969	11-29-1983	Ezzell et al.				
	A18	4,419,486	12-06-1983	Rose				
	A19	4,420,544	12-13-1983	Lawson et al.				
	A20	4,453,991	06-12-1984	Grot				
	A21	4,478,917	10-23-1984	Fujita et al.				
	A22	4,508,793	04-02-1985	Kumeta et al.				
	A23	4,537,840	08-27-1985	Tsukui et al.				
	A24	4,542,079	09-17-1985	Takeuchi et al.				
	A25	4,562,123	12-31-1985	Shimizu et al.				
-	A26	4,576,877	03-18-1986	Alfenaar				
	A27	4,612,261	09-16-1986	Tsukui et al.				
	A28	4,629,664	12-16-1986	Tsukui et al				

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Inter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.

The interest is a standard of the patent of the pate

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application.

Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

2

_		
		Complete if Known
	Application Number	10/727,090
	Filing Date	December 2, 2003
	First Named Inventor	Bliven, David C.
	Art Unit	1746
	Examiner Name	Chuo, Tony Sheng Hsiang
	Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)

			U.S. PATENT	DOCUMENTS			
Examiner Initials*	Cite No.	U.S. Patent Document  Number-Kind Code <sup>2</sup> (if known)  Publication Date  Name of Patentee or Applicant of Cited  Document  Pages, Columns, Lines, Where Re Passages or Relevant Figures Applicant of Cited					
	A29	4,640,873	02-03-1987	Tajima et al.			
	A30	4,642,274	02-10-1987	Tsutsumi et al.			
	A31	4,670,359	06-02-1987	Beshty			
	A32	4,670,702	06-02-1987	Yamada et al.			
	A33	4,673,624	06-16-1987	Hockaday			
	A34	4,680,240	07-14-1987	Furukawa et al.			
	A35	4,686,157	08-11-1987	Miyake et al.	•		
	A36	4,751,274	06-14-1988	Ittemann et al.			
•	A37	4,755,272	07-05-1988	Plowman			
	A38	4,769,296	09-06-1988	Sterzel			
	A39	4,774,153	09-27-1988	Sterzel			
	A40	4,797,190	01-10-1989	Peck			
	A41	4,820,594	04-11-1989	Sugita et al.			
	A42	4,828,941	05-28-1991	Sterzel			
	A43	4,855,193	08-08-1989	McElroy			
	A44	4,865,925	09-12-1989	Ludwig et al.			
	A45	4,876,115	10-24-1989	Raistrick			
	A46	4,964,890	10-23-1990	Reuter et al.			
	A47	5,004,424	04-02-1991	Larminie			
	A48	5,019,463	05-28-1991	Matsubara et al.			
	A49	5,034,288	07-23-1991	Bossel			
	A50	5,061,581	10-29-1991	Narang et al.			
	A51	5,094,928	03-10-1992	Dyer			
	A52	5,102,751	04-07-1992	Narang et al.			
	A53	5,132,193	07-21-1992	Reddy et al.			
-	A54	5,186,877	02-16-1993	Watanabe			
	A55	5,211,984	05-18-1993	Wilson			
	A56	5,229,222	07-20-1993	Tsutsumi et al.			

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.

Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CER 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

3

	Complete if Known	
Application Number	10/727,090	
Filing Date	December 2, 2003 Bliven, David C.	
First Named Inventor		
Art Unit	1746	
Examiner Name	Chuo, Tony Sheng Hsiang	
Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)	

			U.S. PATENT	DOCUMENTS			
Examiner Initials*	er Cite No. Number-Kind Code <sup>2</sup> (if known)  Publication Date Name of Patentee or Applicant of Cited Passages or Relevant Figures Appe						
	A57	5,234,777	08-10-1993	Wilson			
	A58	5,238,754	08-24-1993	Yasuo et al.			
	A59	5,252,410	10-12-1993	Wilkinson et al.			
	A60	5,262,250	11-16-1993	Watanabe			
	A61	5,302,471	04-12-1994	Ito et al.			
	A62	5,312,876	05-17-1994	Dang et al.			
	A63	5,312,895	05-17-1994	Dang et al.			
	A64	5,314,762	05-24-1994	Hamada et al.			
	A65	5,316,643	05-31-1994	Ahn et al.			
	A66	5,330,860	07-19-1994	Grot et al.			
	A67	5,334,463	08-02-1994	Tajima et al.			
	A68	5,346,780	09-13-1994	Suzuki			
	A69	5,362,836	11-08-1994	Helmer-Metzmann et al.			
	A70	5,366,820	11-22-1994	Tsutsumi et al.			
	A71	5,367,051	11-22-1994	Narang et al.			
	A72	5,384,208	01-24-1995	Brand et al.			
	A73	5,403,675	04-04-1995	Ogata et al.			
	A74	5,432,023	07-01-1995	Yamada et al.			
	A75	5,438,082	08-01-1995	Helmer-Metzmann et al.			
	A76	5,468,574	11-21-1995	Ehrenberg et al.			
	A77	5,470,448	11-28-1995	Molter et al.			
	A78	5,472,799	12-05-1995	Watanabe			
	A79	5,480,735	01-02-1996	Landsman et al.			
	A80	5,482,568	01-09-1996	Hockaday			
	A81	5,488,087	01-30-1996	Cabasso et al.			
•	A82	5,503,944	04-02-1996	Meyer et al.			
	A83	5,505,851	04-09-1996	Wagener et al.			
	A84	5,523,177	06-04-1996	Kosek et al.			

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. There of the Emperor must precede the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time vou require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

4

	Complete if Known			
Application Number	10/727,090			
Filing Date	December 2, 2003			
First Named Inventor	Bliven, David C.			
Art Unit	1746			
Examiner Name	Chuo, Tony Sheng Hsiang			
Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)			

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)					
	A85	5,525,436	06-11-1996	Savinell et al.			
	A86	5,540,981	07-30-1996	Gallagher et al.			
	A87	5,541,015	07-30-1996	Tajima et al.			
	A88	5,547,911	08-20-1996	Grot			
	A89	5,548,055	08-20-1996	Narang et al.			
	A90	5,561,202	10-01-1996	Helmer-Metzmann et al.			
	A91	5,573,866	11-12-1996	Van Dine et al.			
	A92	5,573,867	11-12-1996	Zafred et al.			
	A93	5,599,638	02-04-1997	Surampudi et al.			
	A94	5,624,965	04-29-1997	Huang et al			
	A95	5,627,737	05-06-1997	Maekawa et al.			
	A96	5,631,099	05-20-1997	Hockaday			
	A97	5,633,098	05-27-1997	Narang et al.			
	A98	5,635,039	06-03-1997	Cisar et al.			
	A99	5,641,586	06-24-1997	Wilson			
	A100	5,656,389	08-12-1997	Tetzlaff et al.			
	A101	5,670,266	09-23-1997	Thomas et al.			
	A102	5,672,439	09-30-1997	Wilkinson et al.			
	A103	5,700,595	12-23-1997	Reiser			
	A104	5,702,755	12-30-1997	Mussell			
	A105	5,702,838	12-30-1997	Yasumoto et al.			
	A106	5,723,086	03-03-1998	Ledjeff et al.			
	A107	5,723,229	03-03-1998	Scheifers et al.			
	A108	5,731,104	03-24-1998	Ventura et al.			
	A109	5,741,408	04-21-1998	Helmer-Metzmann et al.			
	A110	5,759,712	06-02-1998	Hockaday			
	A111	5,773,162	06-30-1998	Surampudi et al.			
	A112	5,773,480	06-30-1998	Stone			

Examiner	Date
Signature	Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.

Applicant's unique citation of the year of the reign of the Emperor must precede the serial number of the patent document.

This collection of information is required by 37 CER 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, ospito to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 nours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

5

	Complete if Known
Application Number	10/727,090
Filing Date	December 2, 2003
First Named Inventor	Bliven, David C.
Art Unit	1746
Examiner Name	Chuo, Tony Sheng Hsiang
Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A113	5,783,325	07-21-1998	Cabasso et al.		
	A114	5,789,093	08-04-1998	Malhi		
	A115	5,795,496	08-18-1998	Yen et al.		
	A116	5,795,668	08-18-1998	Banerjee		
	A117	5,804,325	09-08-1988	Yepez		
•	A118	5,834,523	11-10-1998	Steck et al.		
	A119	5,834,566	11-10-1998	Helmer-Metzmann et al.		
	A120	5,858,568	01-12-1999	Hsu et al.		
	A121	5,869,416	02-09-1999	Mussell		
	A122	5,874,182	02-23-1999	Wilkinson et al.		
	A123	5,882,810	03-16-1999	Mussell et al.		
	A124	5,885,338	03-23-1999	Nigam et al.		
	A125	5,886,890	03-23-1999	Ishida et al.		
	A126	5,906,716	05-25-1999	Mertesdorf et al.		
	A127	5,916,699	06-29-1999	Thomas et al.		
	A128	5,945,231	08-31-1999	Narayanan et al.		
	A129	5,952,119	09-14-1999	Wilson		
	A130	5,958,613	09-28-1999	Hamada et al.		
	A131	5,958,616	09-28-1999	Salinas et al.		
	A132	5,973,025	10-26-1999	Nigam et al.		
	A133	5,976,725	11-02-1999	Gamo et al.		
	A134	5,985,477	11-16-1999	Iwasaki et al.		
	A135	5,985,942	11-16-1999	Steck et al.		
	A136	5,992,008	11-30-1999	Kindler		
	A137	6,007,930	12-28-1999	Adams et al.		
	A138	6,010,798	01-04-2000	Hammerschmidt et al.	•	
	A139	6,024,848	02-15-2000	Dufner et al.		
	A140	6,025,085	02-15-2000	Savinell et al.		

Examiner	<u> </u>	Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.

See Standard ST.

<sup>16</sup> if possible. Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required by 57 CFR 1.97 and 1.98. The information is required to take 2 hours to complete, including a collection of process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including a collection of process. including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Complete if Known Substitute for form 1449A/PTO (Modified) 10/727,090 Application Number INFORMATION DISCLOSURE Filing Date December 2, 2003 STATEMENT BY APPLICANT First Named Inventor Bliven, David C. Art Unit 1746 (use as many sheets as necessary) **Examiner Name** Chuo, Tony Sheng Hsiang Sheet 6 of 11 Attorney Docket Number A-71429-1/RFT/VEJ (468940-00070)

			U.S. PATENT I	DOCUMENTS	-
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A141	6,040,077	03-21-2000	Debe et al.	
	A142	6,045,934	04-04-2000	Enami	
	A143	6,057,051	05-02-2000	Uchida et al.	
	A144	6,068,941	05-30-2000	Fuller et al.	
	A145	6,071,635	06-06-2000	Carlstrom et al.	
	A146	6,080,500	06-27-2000	Fuju et al.	
	A147	6,080,501	06-27-2000	Kelley et al.	
	A148	6,083,638	07-04-2000	Taniguchi et al.	
	A149	6,090,193	07-18-2000	Nigam et al.	
	A150	6,093,500	07-25-2000	Margiott et al.	
	A151	6,093,502	07-25-2000	Carlstrom et al.	
	A152	6,103,411	08-15-2000	Matsubayashi et al.	
	A153	6,106,965	08-22-2000	Hirano et al.	
	A154	6,110,613	08-29-2000	Fuller	
	A155	6,110,616	08-29-2000	Sheikh-Ali et al.	
	A156	6,117,222	09-12-2000	Nigam et al.	
	A157	6,117,579	09-12-2000	Gyoten et al.	
	A158	6,127,055	10-03-2000	Simmons, Jr.	
	A159	6,136,463	10-24-2000	Kindler et al.	
	A160	6,146,781	11-14-2000	Surampudi et al.	
	A161	6,150,047	11-21-2000	Yen et al.	
	A162	6,171,444	01-09-2001	Nigam	
	A163	6,171,721	01-09-2001	Narayanan et al.	
	A164	6,175,512	01-16-2001	Hagihara et al.	
	A165	6,180,274	01-30-2001	Yoshimoto et al.	
	A166	6,214,488	04-10-2001	Helmer-Metzmann et al.	
	A167	6,221,523	04-24-2001	Chun et al.	
	A168	6,228,518	05-08-2001	Kindler	

Examiner	Date	
Signature	Considered	
Signature	00.10.00.00	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 

See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

11

7

	Complete if Known
Application Number	10/727,090
Filing Date	December 2, 2003
First Named Inventor	Bliven, David C.
Art Unit	1746
Examiner Name	Chuo, Tony Sheng Hsiang
Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A169	6,241,787	06-05-2001	Nigam	
	A170	6,248,460	06-19-2001	Surampudi et al.	
	A171	6,248,469	06-19-2001	Formato et al.	
	A172	6,248,480	06-19-2001	Narang et al.	
	A173	6,252,785	06-26-2001	Hagihara et al.	
	A174	6,254,748	07-03-2001	Surampudi et al.	
	A175	6,265,093	07-24-2001	Surampudi et al.	
	A176	6,277,447	08-21-2001	Chun et al.	
	A177	6,291,093	09-18-2001	Kindler et al.	
	A178	6,294,614	09-25-2001	Kataoka et al.	
	A179	6,299,744	10-09-2001	Narayanan et al.	
	A180	6,300,381	10-09-2001	Kerres	
	A181	6,303,244	10-16-2001	Surampudi et al.	
	A182	6,309,772	10-30-2001	Zuber et al.	
	A183	6,326,097	12-04-2001	Hockaday	
	A184	6,329,094	12-11-2001	Yasuo et al.	
	A185	6,355,149	03-12-2002	Soczka-Guth et al.	
	A186	6,368,492	04-09-2002	Narayanan et al.	
	A187	6,383,676	05-07-2002	Akiyama et al.	
	A188	6,391,486	05-21-2002	Narayanan et al.	
	A189	6,399,235	06-04-2002	Yen et al.	
	A190	6,420,059	07-16-2002	Surampudi et al.	
	A191	6,426,160	07-30-2002	Hagino et al.	
	A192	6,432,284	08-13-2002	Narayanan et al.	
	A193	6,444,341	09-03-2002	Yen et al.	
	A194	6,451,921	09-17-2002	Weisse et al.	
	A195	6,468,696	10-22-2002	Siling et al.	
	A196	6,492,054	12-10-2002	Karakane et al.	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO Complete if Known (Modified) Application Number 10/727,090 INFORMATION DISCLOSURE Filing Date December 2, 2003 STATEMENT BY APPLICANT First Named Inventor Bliven, David C. Art Unit 1746 (use as many sheets as necessary) **Examiner Name** Chuo, Tony Sheng Hsiang Sheet 8 11 of Attorney Docket Number A-71429-1/RFT/VEJ (468940-00070)

			U.S. PATENT I	DOCUMENTS	
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A197	6,503,378	01-07-2003	Fisher	
	A198	6,503,650	01-07-2003	Yasuo et al.	
	A199	6,586,561	07-01-2003	Litt et al.	
	A200	6,589,684	07-08-2003	Surampudi et al.	
	A201	6,602,630	08-05-2003	Gopal	
	A202	6,699,611	03-02-2004	Kim et al.	
	A203	2001/0037000	11-01-2001	Goto et al.	
	A204	2001/0041279	11-15-2001	Terahara et al.	
	A205	2001/0050230	12-13-2001	Surampudi et al.	
	A206	2002/0001744	01-03-2002	Tsusaka et al.	
	A207	2002/0004159	01-10-2002	Totsuka	
	A208	2002/0015868	02-07-2002	Surampudi et al.	
	A209	2002/0015872	02-07-2002	Surampudi et al.	
	A210	2002/0045085	04-18-2002	Formato et al.	
	A211	2002/0058178	05-16-2002	Narayanan et al.	
	A212	2002/0061431	05-23-2002	Koyama et al.	
	A213	2002/0071977	06-13-2002	Lakshmanan et al.	
	A214	2002/0091225	07-11-2002	McGrath et al.	
	A215	2002/0103327	08-01-2002	Claub et al.	
	A216	2002/0106551	08-08-2002	Speranza et al.	
	A217	2002/0127450	09-12-2002	Xie	
	A218	2002/0127454	09-12-2002	Narang et al.	
	A219	2002/0132145	09-19-2002	Preidel	
	A220	2002/0142207	10-03-2002	Watakabe et al.	
	A221	2002/0164513	11-07-2002	Asano et al.	
-	A222	2002/0172850	11-21-2002	Asano et al.	
	A223	2002/0177656	11-28-2002	Goto et al.	
	A224	2002/0187377	12-12-2002	Shinoda et al.	-

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.

Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A-71429-1/RFT/VEJ (468940-00070)

Substitute for form 1449A/PTO Complete if Known (Modified) Application Number 10/727,090 INFORMATION DISCLOSURE Filing Date December 2, 2003 STATEMENT BY APPLICANT First Named Inventor Bliven, David C. Art Unit 1746 (use as many sheets as necessary) **Examiner Name** Chuo, Tony Sheng Hsiang

Attorney Docket Number

·	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear	
	A225	2002/0187379	12-12-2002	Yasuo et al.		
	A226	2002/0188097	12-12-2002	Goto et al.		
	A227	2003/0044669	03-06-2003	Hidaka et al.		
	A228	2003/0059657	03-27-2003	Stone et al.		
	A229	2003/0077503	04-24-2003	Yoshitake et al.		
	A230	2003/0099874	05-29-2003	Kim et al.		
	A231	2003/0173547	09-18-2003	Yamakawa et al.		

11

			OREIGN PATEN	IT DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if</i> <i>known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
•	B1	EP 0 068 508 B1	01-05-1983	Hitachi, Ltd.		
	B2	EP 0 337 626 A1	10-18-1989	PCI Membrane Systems Limited		
	В3	EP 0 574 791 B1	06-07-1993	Aventis Research & Technologies GmbH		
	B4	FR 2 793 450 A1	11-17-2000	Peugeot Citroen Automobiles SA	English Abstract	
	<b>B</b> 5	WO 98/22989 A1	05-28-1998	University of Southern California		
	B6	WO 99/54389 A1	10-28-1999	Universitat of Stuttgart		
	B7	WO 99/54407 A2	10-28-1999	Universitat of Stuttgart		
	В8	WO 00/09610 A1	02-24-2000	The Research Foundation of State University of New York		
	B9	WO 00/22684 A2/A3	04-20-2000	Foster-Miller, Inc.		
	B10	WO 00/24796 A1	05-04-2000	Foster-Miller, Inc.		
	B11	WO 00/27513 A2	05-18-2000	Axiva GmbH		
	B12	WO 00/35032 A1	06-15-2000	Hockaday, Robert		
	B13	WO 00/52779 A1	09-08-2000	Motorola Inc.		$\vdash$

qNON PATENT LITERATURE DOCUMENTS					
Examiner Initials*					
Examiner Signature		Date Considered			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nich in the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nich in the information is attached. This collection of information is to place a check mark here if English Language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/727,090	
INFORMATION DISCLOSURE				Filing Date	December 2, 2003	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Bliven, David C.	
(use as many sheets as necessary)				Group Art Unit	1745	
				Examiner Name	Chuo, Tony Sheng Hsiang	
Sheet	10	of	11	Attorney Docket Number	A-71429/US/1/RMA (468940-00070)	

		QNON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. Include name of the author (in CAPqITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposi etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1	CHO, C., et al., "Synthesis and characterization of poly(arylene ether sulfone) copolymers with sulfonimide side groups," journal publication unknown.		
	C2	GAN, D., et al., "Synthesis and Characterization of Poly(Ether Ketone Ketone) (PEEK)/sodium sulfonated Poly(arylene ether ketone)(S-PAEK) Block Copolymers," Polym Int. 50, 4, 812-816 (2001).		
	СЗ	GHASSEMI, H., et al., "New multiblock copolymers of sulfonated poly(4-phenyl-2,5-benzophenone) and poly(arylene ether sulfone) for proton exchange membrane," Polymer Preprints 44(1):814-815 (2003).		
	C4	HUFF, J.R., "Direct Methanol/Air Fuel Cells: Systems Considerations," Proc. Workshop Direct Methanol-Air Fuel Cells, A.R. Landgrebe, et al. (eds.), The Electrochemical Society, Inc.: Pennington, NJ:188-192 (1992).		
	C5	KERRES, J., et al., "Synthesis and characterization of novel acid-base polymer blends for application in membrane fuel cells," Solid State Ionics, 125:243-249, North Holland Publishing Co.: Amsterdam, NL 125():243-249 (1999).		
	C6	KIM, Y., et al., "Methanol permeation of sulfonated poly(arylene ether sulfone) block copolymers," Polymer Preprints 44(1):1254-1255 (2003).		
·	C7	LANDGREBE, A.R., et al., "Direct Methanol-Air Fuel Cell: An Overview of the Workshop," Proc. Workshop Direct Methanol-Air Fuel Cells, A.R. Landgrebe, et al. (eds.), The Electrochemical Society, Inc.: Pennington, NJ 92(14):1-223 (1992).		
	С8	LIU, S., et al., "Novel sodium sulfonate-functionalized poly(ether ether ketone)s derived from 4,4'-thiodiphenol," Polymer 42(7):3293-3296 (Mar. 2001).		
	C9	LIU, S., et al., "Synthesis of Poly(ether ether ketone)s with high content of sodium sulfonate groups as gas dehumidification membrane materials," Macromol. Rapid Commun. 22(8):579-582 (2001).		
	C10	MECHAM, J.B., et al., "Sulfonated poly(arylene ether) - B - poly(imide) segmented copolymers," Polymeric Mat. Sci. Eng. 84:105-106 (Apr. 2001).		
	C11	MIYATAKE, K., et al., "Synthesis and Proton Conductivity of Highly Sulfonated Poly(thiophenylene)," Macromolecules 30:2941-2946 (1997).		
	C12	MIYATAKE, K., et al., "Synthesis of Poly(phenylene sulfide sulfonic acid) via Poly(sulfonium cation) as a Thermostable Proton-Conducting Polymer," Macromolecules 29():6969-6971 (1996).		
	C13	PARSONS, R.,e t al., "The oxidation of small organic molecules: A survey of recent fuel cell related research," J. Electroanal. Chem. 257:9 to 45 (1989).		
	C14	RULKENS, R., et al., "Rigid-Rod Polyelectrolytes based on poly(p-phenylene sulfonic acid)," Ber. Bunsenges. Phys. Chem. 100(6):707-714 (1996).		
	C15	UEDA, M., et al., "Synthesis and characterization of aromatic poly(ether sulfone)s containing pendant sodium sulfonate groups," J. Polymer Sci. A 31():852-858 (1992).		
•	C16	WANG, F., et al., "Sodium sulfonate-functionalized poly(ether ether ketone)s," Macromol. Chem. Phys. 199():1421-1426 (1998).		
	C17	WANG, F., et al., "Synthesis of poly(ether ether ketone) containing sodium sulfonate groups as gas dehumidification membrane material," Macromol. Rapid Commun. 19():135-137 (1998).	`	

Examiner	Date	
Signature	Considered	
	1	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO 10/727,090 Application Number INFORMATION DISCLOSURE Filing Date December 2, 2003 STATEMENT BY APPLICANT First Named Inventor Bliven, David C. Group Art Unit 1745 (use as many sheets as necessary) **Examiner Name** Chuo, Tony Sheng Hsiang 11 11 Sheet A-71429/US/1/RMA (468940-00070) of Attorney Docket Number

QNON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPqITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>		
-	C18	WANG, JT., et al., "A H <sub>2</sub> /O <sub>2</sub> Fuel Cell Using Acid Doped Polybenzimidazole as Polymer Electrolyte," Proc. 1st Intl. Symp. Proton Conducting Membrane Fuel Cells I, S. Gottesfeld, et al. (eds.), Electrochem. Soc. Proc. 95(23):202-213 (1995).			
	C19	WILES, K.B., et al., "Poly(arylene thioether sulfone) copolymers for PEM-based fuel cell systems," Polymer Preprints 44(1):1089-1090 (2003).			
	C20	WNEK, G.E., et al., "New hydrocarbon proton exchange membranes based on sulfonated styrene-ethylene/butylene-styrene triblock copolymers," Electrochem. Soc. Proc. 95(23):247-250 (1995).			
C2		XIAO, G., et al., "Polyelectrolytes for Fuel Cells Made of Sulfonated Poly(phthalazinone ether ketone)s," Macromol. Rapid Commun. 23(8):488-492 (2002).			
	C22	XIAO, G., et al., "Synthesis and characterization of novel sulfonated poly(arylene ether ketone)s derived from 4,4'-sulfonyl-diphenol," Polymer Bull. 48(4 t 5):309-315 (Jun. 2002).			

Examiner	Date Considered	
Signature	Considered	•

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.